THE

Urban District Council of Worsley

ANNUAL REPORT

For 1908

BY

ROBERT SAYERS, M.D.,
Medical Officer of Health,

AND

JAMES WILLCOCK,
Sanitary Inspector.

Issued by the
Urban District Council of Worsley,
February, 1909.

WALKDEN:
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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

Urban District of Worsley,

FOR THE YEAR 1908.

To the Chairman and Members of the Worsley Urban District Council.

GENTLEMEN,

In laying before you my Fourteenth Annual Report I wish to congratulate you on the very satisfactory condition of the Public Health of the District.

I am glad to say the death rate is the lowest I have reported The zymotic rate is much the lowest. The notifications of infectious sickness are little above one-half the average for the previous ten years. There has not been an epidemic of any

kind during the year, except for a little Whooping Cough continued from the previous year. Summer Diarrhœa has been almost absent. The Infantile Mortality is also the lowest reported, the rate per 1000 born being only 102, as against an average of 139 for the past thirteen years.

The area of the district is 5,584 acres; the population, estimated at the middle of 1908, is 13,460.

The Births registered in the district amounted to 296, 10 more than the previous year, but 6 less than the ten years' average. The rate is 22· compared with 21·5 for the previous year, and 24·1 for the ten years' average. The County rate in 1907 was 24·23, "the lowest recorded," and yet is 2·2 higher than Worsley. Of the 296, 149 were males and 147 females. 292 were legitimate and 4 illegitimate. North Ward had 113, Central 44, East 59, Worsley 42, and Boothstown 38. The rate for North 28·8, Central 14·7, East 21·, Worsley 18·8, and Boothstown 24·1; but for North Ward and Boothstown the rate would be low indeed.

The Deaths numbered 176, exactly the same as the previous year, including 6 from the Workhouse and 1 from Salford Infirmary, 91 were males and 85 females. The total is 11 less than the ten years' average. The rate per 1,000 is 13·07, compared with 13·2 the previous year and 14·7 for the ten years.

North Ward accounted for 64, Central 43, East 31, Worsley 18, Boothstown 20.

Of the total, 32 were of children under one year; 19 were one and under five; 5 were over five and under fifteen; 9 were over fifteen and under twenty-five; 61 were over twenty-five and under sixty-five, and 50 were over sixty-five years of age. Compared with the previous year, there were 6 fewer deaths in children under five years, and 9 more in young people between five and twenty-five years. The number (50) of persons over sixty-five years, is one more than the previous year.

Table of Death Rate for separate wards, compared with the seven years' average, 1902 to 1907.

	Whole District.	North Ward.	Central Ward.	East Ward.	Worsley	Booths-town.
1908	13·07	16·4	14·3	11·2	8·1	12·6
1902 to 1907 ...	14·6	17·4	13·6	13	13·6	14·6

Table showing Population, Deaths, Death Rate, Zymotic Death Rate, and Rate of Lung Diseases, other than Phthisis, for the whole district and for each of the Wards, 1907 and 1908.

	Population, 1908.	Total Deaths.		Death Rate.		Zymotic, excluding Diarrhœa.		Lung Diseases other than Phthisis.		Deaths under one year.	
		1907	1908	1907	1908	1907	1908	1907	1908	1907	1908
Whole District ...	13,460	176	176	13·2	13·07	1·5	·6	2·6	2·3	34	32
North Ward .	3,905	51	64	13·2	16·4	1·3	·2	2·6	2·8	14	11
Central Ward ...	2,994	37	43	12·5	14·3	1·7	1·6	2·4	2·3	4	7
East Ward ...	2,754	38	31	14	11·2	1·1	...	4·	3·2	9	6
Worsley Ward ...	2,229	34	18	15·4	8·1	...	·4	1·8	1·3	3	3
Boothstown Ward	1,578	16	20	10·2	12·6	·7	·6	1·3	1·9	4	5

North Ward is not so good as 1907, but is better than its average. Worsley Ward is at somewhere about what could be expected from it, but in previous years it was unfortunate in having a number of drowning cases in the canal and other accidental deaths, though occurring in the ward, were not residents. Boothstown is maintaining its improved position. The sewerage system completed through that ward seems to be the chief reason for it. The brook is certainly cleaner, but, owing to the want of a formed bed, it is very liable to get into a foul condition; several complaints were made during the year, and it will not be in a satisfactory state so long as it is left as it is.

INFANTILE MORTALITY.—Thirty-two children under one year of age died during the year, so that for every 1,000 births registered, 102 die before attaining the age of one year. This is a decrease of 2 on the previous year, and the lowest actual, as well as being the lowest per 1,000 born, for the past thirteen years, which averaged 139. This is a very satisfactory position; better, I fear, than we can hope to keep,—circumstances were very exceptional—no epidemic; no summer diarrhœa.

North Ward had 97 deaths to every 1,000 born; Central, 159; East, 102; Worsley, 71; and Boothstown, 132.

The low rate for North Ward is exceptional, as formerly it always headed the list. The fact that the majority of the

poorer homes are in that part was given as the cause of the high rate. This year there was no epidemic, and the rate is low compared with the other wards, showing, in my opinion, that careful and intelligent nursing is not so much missed under ordinary conditions as during an epidemic. Fatal cases of infectious diseases are in higher proportion in the poorer homes where nursing is not so efficient.

Table showing Number of Births, Birth Rate, Deaths under one year. Rate per 1,000 born, and Total Death Rate in each of the Wards.

	Population.	Births.		Deaths under one year.	Rate per 1000 born.	Total Death Rate.
		Number.	Rate.			
Whole District ...	13,460	296	22·	32	102	13·07
North Ward ...	3,905	113	28·8	11	97	16 4
Central Ward ...	2,994	44	14·7	7	159	14·3
East Ward... ...	2,754	59	21·	6	102	11·2
Worsley	2,229	42	18·8	3	71	8 1
Boothstown ...	1,578	38	24·1	5	132	12·6

The Zymotic Rate, excluding Diarrhœa, is ·6, compared with 1·5 the previous year. This is a very low rate—the lowest recorded—Whooping Cough being the only disease worthy of notice, it having been prevalent during the autumn of the previous year and continuing through the early months of 1907 in a mild form. Scarlet Fever and Enteric only caused one death each, and Diarrhœa only four.

No school was closed on account of epidemic during the year.

Lung Diseases, other than Phthisis, gave rise to fewer deaths than the previous year—31, as against 34 ; Phthisis, 12, against 10.

The Notifications of Infectious Sickness for the whole district amounted to 55—a decrease of 17 on the previous year. The ten years' average is 103. Scarlet Fever 27, instead of 36 the previous year ; Enteric Fever 15, instead of 12 ; Diphtheria 7, instead of 14. Boothstown had 6 of the 15 Enteric cases, owing to its proximity to Tyldesley, where that disease was epidemic.

Only three cases were removed to Hospital for isolation.

One of the worst evils in the district to-day is over-crowding. Numerous cases, all over, exist, where a family of eight to ten or more, some having grown-up sons and daughters, have to sleep in two small bedrooms. Neither decency or health conditions exist. Two convictions in the Police Court drew some attention to the matter, but the difficulty is the scarcity of houses. Had there been any empty property, there would have been more prosecutions. I understand two schemes are in hand which will largly tend to remedy this state of things.

An order was obtained from the magistrates for the closing of a house, as unfit for human habitation, owing to the condition through keeping animals.

During the year, 57 new houses were completed, ready for occupation.

Some little progress is being made in remedying the worst chimneys in the district, but there are two or three yet that badly want altering. That they can be much improved has been proved over and over again by the results obtained in those attended to, and I think that steps ought to be taken to force compliance with black smoke regulations.

A number of private streets are now in process of being paved, flagged, and completed, and a large number of sanitary streets are scheduled for attention during the coming year. The completion of the main sewerage scheme in the East Ward is demanding immediate attention on account of the new houses about to be built there. Every facility ought to be given to intending builders, the property is so much needed.

I have again to report favourably of the manner in which the ashpits are emptied—the contents being put into wagons direct, nothing being allowed to touch the ground. So long as we have ashpits, it is by far the least offensive way to have them attended to.

Systematic inspections of the districts have been made during the year, and frequent special ones at the request of the Sanitary Inspector.

In accordance with the requirements of the Factories and Workshops Act, the Workshops, Bakehouses and Slaughter-houses have been inspected and defects pointed out, but the general conditions are very fair.

The Dairies and Cowsheds have been visited,—some improvements have taken place, and one old farmstead is to be rebuilt.

Some milk is brought into the district from a distance, and the bulk of what comes from the immediate neighbourhood is sent out from one centre.

Samples have been taken and analysed by the Public Analyst. No sample was "bad, or unfit for human use."

Table showing the ANNUAL DEATH RATES for 1901 to 1908, and the ANNUAL AVERAGE DEATH RATE for the five years' periods—1871-1875, 1876-1880, 1881-1885, 1886-1890, 1891-1895, 1896-1900 and 1901-1905—from all Causes, the Principal Infectious Diseases notified, Diarrhœa, Phthisis, and Lung Diseases.

	All Causes.	Principal Infectious Diseases Notified.	Diarrhœa.	Phthisis.	Lung Diseases, exclusive of Phthisis.
1871-1875 ...	22·7	4·1	1·	1·8	4·4
1876-1880 ...	21·5	3·9	·8	1·4	5·2
1881-1885 ...	17·7	1·7	·8	1·4	4·2
1886-1890 ...	17·4	1·2	·8	1·2	4·4
1891-1895 ...	17·1	1·7	·7	·8	3·6
1896-1900 ...	14·6	·7	·9	1·	2·5
1901-1905 ...	14·8	1·3	·6	·9	2·9
1901 ...	15·6	·9	1·4	·8	2·1
1902 ...	14·9	1·1	·2	1·1	3·5
1903 ...	14·4	1·5	·4	·7	2·2
1904 ...	14·5	1·4	·6	·9	2·2
1905 ...	14·6	1·4	·3	1·	4·8
1906 ...	14·8	·7	1·4	·9	2·9
1907 ...	13·2	1·5	·4	·7	2·6
1908 ...	13·07	·6	·3	·9	2·3

The five-years' averages for death-rate from 1871 to the present, show a steady fall in the rate from 22·7 in 1871-75 to 14·8 for 1901-05, and 13·07 for 1908.

At the end of the year the public health remains in a satisfactory condition. There is very little infectious disease, and only the usual chest affections accompanying severe weather.

In conclusion, the year was noticeable for having a much lessened amount of sickness and deaths from Zymotic diseases, rather more from Chest Affections and Phthisis, and the deaths from "all other diseases" are more numerous. The Infantile rate much lower, the death rate slightly, and the birth rate slightly higher.

Tables I. II. III. IV. V. and VI., and a table for Lancashire County Council are attached.

I am, Gentlemen,

Yours truly,

R. SAYERS, M.D.

WALKDEN, 1st February, 1909.

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TABLE I.

Name of District—WORSLEY URBAN.—(For whole District).

Year.	Population estimated to middle of each year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-Residents registered in Public Institutions in the District	Deaths of Residents registered in Public Institutions beyond the District.	Net Deaths at all Ages.	
				Under 1 Year of Age.		At all Ages.						
		Number.	Rate*	Number.	Rate per 1,000 Births Registered	Number.	Rate*				Number.	Rate*
1	2	3	4	5	6	7	8	9	10	11	12	13
1898	12033	313	26·	47	150	161	13·4	...	...	2	163	13·6
1899	12176	308	25·3	46	149	179	14·7	...	...	4	183	15·
1900	12318	318	25·8	44	138	202	16·4	...	...	3	205	16·6
1901	12462	279	22·4	43	151	189	15·2	...	...	6	195	15·6
1902	12604	315	25·	35	111	176	14·	...	...	12	188	14·9
1903	12748	320	25·1	44	137	169	13·2	...	...	16	184	14·4
1904	12889	315	26·8	45	130	174	13·5	...	...	13	187	14·5
1905	13032	290	22·2	35	121	178	13·5	...	...	13	191	14·6
1906	13174	280	21·2	42	150	182	13·8	...	...	13	195	14·8
1907	13317	286	21·5	34	119	167	12·4	...	...	9	176	13·14
Averages for years 1898-1907.	12675	302	24·1	41	136	178	14·	...	...	9	187	14·7
1908	13460	296	22·	32	102	169	12 6	...	...	7	176	13 07

* Rates in columns 4, 8 and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water) 5,584. Total population at all ages, 12,462.
Number of inhabited houses, 2,709. Average number of persons per house, 4·6.
(At Census of 1901).

TABLE II.

Name of District—WORSLEY URBAN.

NAME OF LOCALITIES.	Whole District.				North Ward.				Central Ward.				East Ward.				Worsley Ward.				Boothstown Ward.			
YEAR.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.
	a.	*b.*	*c.*	*d.*	*a.*	*b*	*c.*	*d.*	*a.*	*b.*	*c.*	*d.*	*a.*	*b.*	*c.*	*d.*	*a.*	*b.*	*c.*	*d.*	*a*	*b.*	*c.*	*d*
1898 ...	12,033	313	163	47																				
1899 ...	12,176	308	183	46																				
1900 ...	12,318	318	205	44																				
1901 ...	12,462	279	195	43	3630		64	21	2771		38	1	2551		32	11	2062		39	6	1448		22	4
1902 ...	12,604	315	188	35	3672		62	16	2805		51	11	2579		30	5	2086		26	3	1464		19	...
1903 ...	12,747	320	184	44	3715		60	17	2836		38	9	2604		35	10	2111		20	2	1486		31	6
1904 ...	12,889	345	187	45	3755		67	20	2867		34	5	2627		34	10	2134		27	4	1506		25	6
1905 ...	13,032	290	191	35	3799		72	17	2898		41	3	2658		27	6	2157		30	4	1524		21	5
1906 ...	13,174	280	195	42	3831	96	63	22	2930	59	41	6	2690	63	45	4	2181	29	24	2	1542	33	22	8
1907 ...	13,317	286	176	34	3868	95	51	14	2962	56	37	4	2722	62	38	9	2205	41	34	3	1560	32	16	4
Averages of Years 1898 to 1907.	12,675	302	187	41	3610	95	63	18	2867	57	39	6	2633	62	34	8	2134	35	29	3	1504	32	22	5
1908 ...	13,460	296	176	32	3905	113	64	11	2994	44	43	7	2754	59	31	6	2229	42	18	3	1578	38	20	5

TABLE III.

WORSLEY URBAN DISTRICT.

Cases of Infectious Diseases notified during the Year 1908.

Notifiable Diseases.	Cases Notified in Whole District.						Total Cases Notified in each Ward.					No. of Cases Removed to Hospital from each Ward.				
	At all Ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	North.	Central.	East.	Worsley.	Boothstown.	North.	Central.	East.	Worsley.	Boothstown.
Diphtheria	7	...	2	2	3	...	3	...	3	1	...	...	...	...	...	...
Membranous Croup	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Erysipelas	6	...	...	18	2	6	1	1	1	...	3	...	...	...	...	...
Scarlet Fever ...	27	...	6	2	...	1	6	6	11	4	...	1	1	...	...	1
Enteric Fever ...	15	...	2	2	6	5	3	5	1	...	6	...	...	...	...	...
Continued Fever...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Totals	55	...	10	24	11	12	13	12	16	5	9	1	1	...	...	1

Three Cases of Typhoid sent to Sanatorium—one each from North Ward, Central Ward, and Boothstown Ward.

TABLE IV.

WORSLEY URBAN DISTRICT.

Causes of, and Ages at, Death during Year 1908.

Causes of Death.	Deaths at the Subjoined Ages of "Residents" whether occurring in or beyond the District.							Deaths at all ages of "Residents" belonging to Localities, whether occurring in or beyond the District.					Total Deaths whether of Residents or Non-Residents in Public Institutions in the District.
	All Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	North Ward.	Central Ward.	East Ward.	Worsley Ward.	Boothstown Ward.	
1	2	3	4	5	6	7	8	9	10	11	12	13	16
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	1	...	1	...	...	...	...	1	...	...	...	...	...
Scarlet Fever	1	...	...	1	...	...	...	...	1	...	...	...	...
Whooping Cough	4	...	3	1	...	...	...	...	3	...	...	1	...
Diphtheria (including Membranous Croup)	1	...	1	...	...	...	...	..	...	...	1	...	...
Croup	1	...	1	...	...	...	...	1	...	...	...	...	...
Enteric Fever	1	...	...	...	...	1	...	...	1	...	...	...	...
Diarrhœa	4	1	1	...	...	2	...	2	...	...	...	2	...
Phthisis (Pulmonary Tuberculosis)	12	...	1	...	3	8	...	3	6	...	...	3	...
Other Tuberculous Diseases ...	8	4	2	...	1	1	...	6	...	...	...	2	...
Cancer, Malignant Disease ...	6	...	....	...	...	4	2	2	2	1	1	...	...
Bronchitis	13	2	...	...	1	2	8	2	2	5	2	2	...
Pneumonia	16	5	3	...	...	6	2	8	2	4	1	1	...
Pleurisy	2	...	...	...	...	1	1	1	1	...	...	...	...
Alcoholism, Cirrhosis of Liver ...	2	...	...	...	...	2	...	1	...	...	1	...	...
Premature Birth	9	9	...	...	...	...	...	2	3	2	2	...	...
Heart Diseases	13	...	...	2	1	4	6	5	4	1	1	2	...
Accidents	7	...	2	...	2	3	...	3	4	...	...	...	...
Suicides...	3	...	...	...	...	3	...	1	...	...	1	1	...
All other causes	72	11	4	1	1	24	31	26	14	18	8	6	...
All causes	176	32	19	5	9	61	50	64	43	31	18	20	...

TABLE V.

Name of District—WORSLEY URBAN.

Infantile Mortality during the Year 1908.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes { Certified	...	...	...	...	...	...	...	...	...	..	...	...	.	.	...	...	...
All Causes { Uncertified		..	...	..	...	...	..	...	..	...	...	...	...	.	...	.	...
Diarrhœal Diseases—																	
Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Wasting Diseases—																	
Premature Birth	7	1	1	...	9	...	...	...	...	...	...	...	...	...	...	...	9
Congenital Defects	5	1	...	...	6	...	...	...	...	..	...	...	...	...	...	...	6
Injury at Birth	1	..	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Tuberculous Diseases—																	
Tuberculous Meningitis... ...	...	..	...	...	...	...	...	...	...	...	...	...	...	1	1	...	2
Tuberculous Peritonitis : Tabes Mesenterica } ...	..	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	2
Other Causes—																	
Convulsions	1	...	...	...	1	...	...	1	...	...	...	...	...	...	...	..	2
Bronchitis	..	...	...	...	...	...	...	...	...	...	...	1	...	...	2	..	3
Pneumonia	...	1	...	...	1	1	1	...	..	1	...	...	...	...	...	...	4
Other Causes	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	2
	14	3	1	...	18	2	2	1	...	1	...	2	...	2	3	1	32

Births in the year: Legitimate, 292; illegitimate, 4

Population, estimated to middle of 1908, 13,460. Deaths from all Causes at all Ages, 176.

Deaths in the year of Legitimate Infants, 29; Illegitimate Infants, 3.

TABLE VI.

WORSLEY URBAN DISTRICT.

Factories, Workshops, Laundries, Workplaces and Homework.

1.—Inspection.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises	Number of		
	Inspections	Written Notices	Prosecutions
Factories (including Factory Laundries) ...	11	3	
Workshops (including Workshop Laundries)	56		None.
Workplaces	5	...	
Total	72	3	...

2.—Defects Found.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
Other Nuisances	5	5	...	None.
Sanitary accommodations (unsuitable or defective)	1		...	
Total	6	5	...	...

WALKDEN, 1st FEBRUARY, 1909.

To the Joint Committee of the Worsley and Swinton and Pendlebury Smallpox Hospital.

GENTLEMEN,

For the third year in succession, the Hospital has not been used. Everything is in perfect readiness.

I am, Gentlemen,

Yours truly,

R. SAYERS, M.D.

Sanitary Inspector's Annual Report.

Inspector's Office, Hilton Lane,

Walkden, *February, 1909.*

Gentlemen,

I have pleasure in laying before you my report of work done in the Sanitary, Ashpits Emptying, and Inspection of Canal Boats, during the year ended December 31st, 1908.

The following tables give particulars of much useful sanitary work, and the abatement of nuisances and insanitary conditions under the provisions of the various Public Health Acts and Regulations of the Local Government Board.

TABLE No. 1.

No. of Houses visited and sanitary particulars reported upon		183
,,	Letters and printed notices sent to abate nuisances	141
,,	Drains opened and cleared	32
,,	Ventilation shafts cleared	10
,,	Downspouts repaired or renewed	15
,,	Ashpits built, covered over or repaired ...	43
,,	Insanitary dwellings dealt with	16
,,	Water-closets substituted for privies	15
,,	New Drains provided or re-laid	22
,,	Cases of Overcrowding dealt with	4
,,	Cases before Court	3

No. of Miscellaneous Nuisances dealt with	... ...	54
,, Observations of Emission of Black Smoke	...	12
,, Rooms Disinfected after Infectious Sickness	...	62
,, Licensed Slaughter Houses	... ...	13

INSPECTION AND ABATEMENT OF NUISANCES.

In order to bring about the speedy removal of nuisances and insanitary conditions of premises, it is often desirable to serve the Statutory or Printed Notice under various Sections of the Public Health Acts; in other cases it is found more expedient to obtain an interview with the owner or person responsible for the defects noted, and fully explain what is required.

During the year, the Council were forced to deal with several serious cases of overcrowding and insanitary houses. Proceedings were instituted against the offenders, and in three cases the Magistrates granted an order to abate, and imposed penalties amounting to Five Pounds. The houses are now in a satisfactory condition.

BLACK SMOKE ABATEMENT.

There are still several chimneys in the district emitting black smoke, and I find that there does not appear to be any attempt to rectify the nuisance. In the event of the Electric power being supplied, there is a probability of some of the manufacturers obtaining a supply, and to a certain extent this will solve the black smoke problem.

EMPTYING OF ASHPITS AND REMOVAL OF HOUSE REFUSE.

The work of emptying ashpits is still let out by Contract, and new tenders for this work were accepted during the year. There are five separate Contracts, and the following tables give number of houses to be attended to, and the cost of the work compared with the previous year. The question of substituting water carriage for the privy system, and more especially in North, East, and Central Wards, will no doubt claim the consideration of the Council in the near future. In the Worsley Village portion of the district, the old privy closets are gradually being cleared away, and up-to-date flush closets being fixed.

Improvements in this direction will be extended on the completion of Alderforest sewer. This, I feel to be a step in the right direction, and which it will be desirable to further encourage.

1907.	No. of Houses with privy-closets.	No. of Houses with water-closets.	Amount of Contract.
Walkden (Sec. No. 1) ...	776	89	£150
,, (Sec. No. 2) ...	837	117	152
,, (Sec. No. 3) ...	499	172	124
Boothstown	297	18	78
Worsley Village... ...	98	89	35
	2,507	485	£539

1908.	No. of Houses with privy-closets.	No. of Houses with water-closets.	Amount of Contract.
Walkden (Sec. No. 1) ...	776	92	£142
,, (Sec. No. 2) ...	837	145	145
,, (Sec. No. 3) ...	499	182	140
Boothstown	301	18	63
Worsley Village... ...	87	120	39
	2,500	557	£529

INFECTIOUS DISEASES NOTIFICATION ACTS, 1889-1899.

The number of Infectious cases notified by Medical attendants during the year was 55 from 51 houses, as against 72 cases reported from 66 houses in 1907. Each case was investigated immediately after notification, and the probable source of Infection traced where possible. Strict isolation from the healthy members of the family was urged, and visiting discouraged, and it will be seen from the Medical Officer's Report that there was very little spread of Infection in any one part of the district.

Three cases of Typhoid Fever were removed to the Sanatorium, one each from North Ward, Central Ward, and Boothstown. None of the cases could be traced to the defective or insanitary condition of the dwellings.

Disinfection has been thoroughly carried out, and in a number of cases it was deemed advisable to destroy bedding, and compensate the owners.

TABLE IV.

No. of Houses reported each month.

Nature of Disease.	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Scarlet Fever	6	...	1	4	4	5	...	2	...	...	3	2	27
Diphtheria	...	1	1	...	...	...	...	...	3	1	...	1	7
Croup	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever	2	2	...	1	...	1	1	1	...	3	4	...	15
Erysipelas	1	...	..	1	..	...	...	1	1	...	...	2	6
Puerperal Fever... ...	..	...	..	..	...	...	...	..	...	...	...	...	...
Totals	9	3	2	6	4	6	1	4	4	4	7	5	55

SLAUGHTER HOUSES.

These premises have been under Inspection, and are generally found in good order. Two notices were served for the removal of Manure, and arrangements made for more frequent attention. Thirteen licences were renewed.

DAIRIES AND COWSHEDS.

The number of Dairies, Cowsheds, and Milk Shops on the register at the end of the year is 30, the same number as for the preceding year. Two new names were added from Wardley Lane district, in place of removals. Notices were served for the limewashing or cleansing of Cowsheds, and in two cases better drainage was dealt with. The bulk of the milk supply is still delivered from two Central Depôts, where cleanliness and Sanitary arrangements are strictly adhered to.

FOOD AND DRUGS ACTS, 1878-1889.

Five samples of Milk were obtained in the district and submitted to the County Analyst, and a Certificate obtained stating the samples were genuine and satisfactory.

FACTORIES AND WORKSHOPS ACT, 1901.

The number of Factories and Workshops on the register on December 31st, was 72, and included Cotton Spinning and Weaving, 11. Bakehouses, 9. Dress and Mantle Making, 6. Boot and Shoe Repairing, 12. Tailoring, 6. Paint Mixing, 4. Tin Plate Workers, 2. Printing, 2. Joinery and Cabinet Making, 9. Cycle repairs, 3. Concrete Works, 1. Blacksmiths and Wheelwrights, 6. Three notices were dealt with from Factory Department. One new Laundry has commenced business in the district. There are no offensive trades carried on in the district, and the premises are generally found in a clean condition. There are no outworkers employed.

CANAL BOATS ACTS, 1877-1884.

Periodical visits have been made to the Bridgewater Canal, which passes through the Worsley district for a distance of three-and-a-quarter miles.

The following table gives the number of boats inspected, the registration district to which they belong, and the number of persons travelling with the boats.

Registration Authority.	Number of Times Inspected.			Total.		Number of Occupiers.			Total.
	Once	Twice	Three	Boats	Inspections	Males	Females	Children	
Manchester...	24	8	4	36	52	53	21	2	76
Runcorn ...	9	...	...	9	9	10	5	1	16
Leigh	1	...	...	1	1	1	...	...	1
Totals ...	34	8	4	46	62	64	26	3	93

The total registered accommodation in the 62 boats inspected was for 191 persons, and the persons actually occupying the cabins was 93, or only about 48 per cent. of the number

allowed by regulation. No overcrowding was met with, and the general condition of occupiers and cabins was satisfactory. Of the number of occupiers 64 were males, 26 females, and only 3 children.

No cases of Infectious sickness was met with. Infringements of the Acts and Regulations were met with as follows :—

Cabins requiring Painting	4
,, ,, Cleaning	3
Water cask leaking	1
No Certificate	1
Total	9

Complaint notes were sent to the owners of the boats, and all have been attended to.

PUBLIC LIGHTING.

Considerable alterations and improvements have beee carried out in the district, principally on Main Roads. The Incandescent system of lighting has been extended, and out of a total of 400 lamps, 230 are fitted with Incandescent burners.

It is proposed to still further extend the system during the forthcoming year.

I am, Gentlemen,

Yours obediently,

JAMES WILLCOCK,

Cert. San. Inst.